

Автор:

05.10.12 09:14 - Последнее обновление 05.10.12 09:57

Как зарезервировать IP адрес в DHCP сервере PfSense 2.0 ?

Services -> DHCP server

The screenshot shows the PfSense web interface for configuring a DHCP server on the LAN interface. The breadcrumb navigation at the top reads: System > Interfaces > Firewall > Services > VPN > Status > Diagnostics > Help. The page title is "Services: DHCP server".

At the top left, there are tabs for "WAN", "LAN", and "OPT1", with "LAN" selected. The main configuration area includes the following fields and options:

- Enable DHCP server on LAN interface**
- Deny unknown clients**
If this is checked, only the clients defined below will get DHCP leases from this server.
- Subnet:** 192.168.0.0
- Subnet mask:** 255.255.255.0
- Available range:** 192.168.0.1 - 192.168.0.254
- Range:** 192.168.0.150 to 192.168.0.245
- WINS servers:** (Two empty input fields)
- DNS servers:** 192.168.0.1
NOTE: leave blank to use the system default DNS servers - this interface's IP if DNS forwarder is enabled, otherwise the servers configured on the General page.
- Gateway:** 192.168.0.1
The default is to use the IP on this interface of the firewall as the gateway. Specify an alternate gateway here if this is not the correct gateway for your network.
- Domain name:** lan
The default is to use the domain name of this system as the default domain name provided by DHCP. You may specify an alternate domain name here.
- Domain search list:** (Empty input field)
The DHCP server can optionally provide a domain search list.
- Default lease time:** (Empty input field) seconds
This is used for clients that do not ask for a specific expiration time. The default is 7200 seconds.
- Maximum lease time:** (Empty input field) seconds
This is the maximum lease time for clients that ask for a specific expiration time. The default is 86400 seconds.

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System > Interfaces > Firewall > Services > DHCP

The default is to use the domain name of this system as the default domain name provided by DHCP. You may specify an alternate domain name here.

Domain search list:

The DHCP server can optionally provide a domain search list.

Default lease time: seconds
This is used for clients that do not ask for a specific expiration time. The default is 7200 seconds.

Maximum lease time: seconds
This is the maximum lease time for clients that ask for a specific expiration time. The default is 86400 seconds.

Failover peer IP:
Leave blank to disable. Enter the interface IP address of the other machine. Machines must be using CARP.

Static ARP: **Enable Static ARP entries**
Note: Only the machines listed below will be able to communicate with the firewall on this NIC.

Dynamic DNS: - Show Dynamic DNS

NTP servers: - Show NTP configuration

TFTP server: - Show TFTP configuration

LDAP URI: - Show LDAP configuration

Enable network booting: - Show Network booting

Additional BOOTP/DHCP Options: - Show Additional BOOTP/DHCP Options

Note:
The DNS servers entered in System: General setup (or the DNS forwarder, if enabled) will be assigned to clients by the DHCP server.

The DHCP lease table can be viewed on the **Status: DHCP leases** page.

System > Interfaces > Firewall > Services > DHCP > Status: DHCP leases

зарезервированный мак

нажимаем для резервирования

IP address	MAC address	Hostname	Start	End	Online	Lease Type
192.168.0.161	00:17:11:5e:53:38	Desktop-1	2012/10/05 10:20:34	2012/10/05 12:20:34	online	active
192.168.0.214	0c:77:1a:d1:1:cc	Olga	2012/10/04 13:31:58	2012/10/05 13:31:58	offline	active

System > Interfaces > Firewall > Services > DHCP > Services: DHCP: Edit static mapping

Static DHCP Mapping

MAC address: Copy my MAC address
Enter a MAC address in the following format: xx:xx:xx:xx:xx:xx

IP address:
If no IP address is given, one will be dynamically allocated from the pool.

Hostname:
Name of the host, without domain part.

Description:
You may enter a description here for your reference (not parsed).

Применяем сделанные нами изменения

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Services: DHCP server

! The static mapping configuration has been changed. You must apply the changes in order for them to take effect. **Apply changes**

WAN LAN OPT1

Enable DHCP server on LAN interface

Deny unknown clients
If this is checked, only the clients defined below will get DHCP leases from this server.

Subnet: 192.168.0.0
Subnet mask: 255.255.255.0
Available range: 192.168.0.1 - 192.168.0.254
Range: 192.168.0.150 to 192.168.0.245

WINS servers

DNS servers

00:11:31:00:58:c0	192.168.0.119	Desktop-1	[Redacted]
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Удаление или изменение зарезервированного IP

Ссылка на статью: <http://thin.kiev.ua/router-os/50-pfsense/679-ip-address-mak-dhcp-pfsen>